INDUSTRY PROFILES

Forestry and Logging with Support Activities

July 2010

Government of Alberta
Employment and Immigration

Overview:

The Forestry and Logging with Support Activities industry[1] in Alberta includes establishments that:

- produce seedlings in specialized nurseries;
- grow or harvest timber on a long production cycle (10 years or more); and
- provide related support services.

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[1] North American Industry Classification System (NAICS) groups 113 and 1153

Section A: Business Environment

1. 2009 Employment and Unemployment Numbers and Rates:

	Alberta	Forestry and Logging with Support Activities Industry
Number of employed	1,988,100	2,800
Percent employed in the industry		0.1%
Number of unemployed	139,700	N/A
Unemployment rate	6.6%	N/A

Data Source: Labour Force Historical Review 2009, Statistics Canada
Note: N/A is reported in instances of insufficient sample size.

For more information on employment numbers or for a historical comparison, please go to the Labour Force Statistics[2] or Statistics Canada[3] websites.

2. Industry Growth:

- Employment in the Forestry and Logging with Support Activities industry is expected to grow on average 7.4% annually from 2010 to 2013.
- Over 800 jobs will be created from 2010 to 2013.
- Employment is expected to increase to about 3,600 by 2013.

For more information, see the Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2009 – 2013, Industry Employment Outlook[4] online and the Alberta Learning Information Service (ALIS)[5] website's industry descriptions.

[2] See http://www.employment.alberta.ca/BI/67.html
[3] See http://www.statcan.gc.ca
[4] See http://www.employment.alberta.ca/documents/LMI/LMI-LMF_2009-13_cops.pdf
[5] See http://www.alis.alberta.ca

Trends and Outlook

According to Statistics Canada's National Economic Accounts, the Forestry and Logging with Support Activities industry accounted for approximately 0.2% of Alberta's Gross Domestic Product in 2009, the same as in 1999. The industry's share of total employment decreased from 0.3% in 1999 to 0.1% in 2009.

Employment in 2009 was down 22.2% compared to its level in 2008. Over the last ten years, employment declined form 4,300 people in 1999 to 2,800 people in 2009. Despite this trend, the industry is expected to show modest employment growth between now and 2013 as the economy rebounds from the recession. Increased activity in domestic housing construction, printing and related support activities, and the manufacturing of wood products, furniture and other related products, pulp, paper, paperboard and converted paper products will be key determinants of employment growth in the industry.

The *Alberta Occupational Demand Outlook 2009-2013* projects a slight increase in the demand for logging and forestry workers and logging machinery operators over the next three years.

3. Size of Businesses in Alberta and the Industry:

Establishment Size	Alberta Businesses		Forestry and Logging, Fishing, Mining, Oil and Gas** Businesses	
	Number of Employees	%*	Number of Employees	%*
Less than 20 employees	561,300	34.3%	31,100	25.0%
20 to 99 employees	582,500	35.6%	35,300	28.3%
100 to 500 employees	298,700	18.3%	26,700	21.4%
Over 500 employees	194,000	11.9%	31,500	25.3%

Data Source: Labour Force Historical Review 2009, Statistics Canada

* Percentages may not add up to 100 due to rounding.

** Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas for establishment size.

Note: Statistics Canada's survey methodology for determining establishment size differs from the one it uses in the Labour Force Survey to determine total employment. As a result, the total number of employees by establishment size will not be the same as total employment in the industry, except by coincidence.

Section B: Human Resources Profile

1. Occupational Information:

Some examples of occupations in the Forestry and Logging with Support Activities industry include:

- forest technologist and technician;
- forester;
- logging equipment operator;
- conservation officer; and
- park warden.

For a complete listing of all occupations related to this industry as well as detailed information on education and skill requirements, visit the Alberta Occupational Profiles[6] website.

2. Demographics: Age and Gender:

According to the Labour Force Survey, the gender breakdown in the Forestry, Logging with Support Activities industry is as follows:

- women employed: N/A
- men employed: 2,200 people, or 78.6%

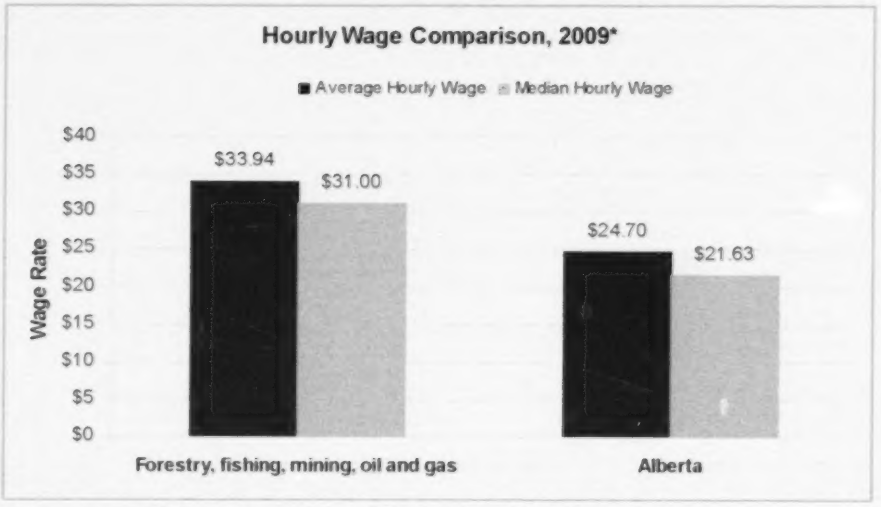
In Alberta, women accounted for 45.4% and men made up 54.6% of total employment.

Age Characteristics	Alberta Employees		Forestry and Logging with Support Activities Industry Employees	
	Number	%	Number	%
15-24 years	316,400	15.9%	N/A	N/A
25-54 years	1,356,400	68.2%	2,100	75.0%
55 years and over	315,300	15.9%	N/A	N/A

Data Source: Labour Force Historical Review 2009, Statistics Canada
Note: N/A is reported in instances of insufficient sample size.

[6] See http://www.alis.alberta.ca/occinfo

3. Wages:



Data Source: Labour Force Historical Review 2009, Statistics Canada
*Forestry and logging is grouped with fishing, mining, oil and gas because of small sample size.
Note: The average hourly wage is obtained by dividing the sum of the wages of all the employees by the total number of employees. The median hourly wage is that wage below which half the employees earn and above which half the employees earn.

Wage and Salary Information for Selected Occupations

Occupation	Average Hourly Wage			Average Annual Salary
	Starting	After 3 years	Top	
Truck driver	$ 20.01	$ 23.55	$ 27.38	$ 59,160
Forestry professional	$ 29.33	$ 35.92	$ 38.22	$ 67,779
Logging machinery operator	$ 20.03	$ 24.58	$ 28.33	$ 57,095
Conservation officer	$ 23.39	$ 26.92	$ 29.27	$ 51,494

Data Source: 2009 Alberta Wage and Salary Survey

For more information on wages, refer to the WAGEinfo[7] webpage. For job descriptions, duties, required skills and education for specific occupations in the Forestry and Logging with Support Activities industry, visit the ALIS[8] website.

[7] See http://www.alis.alberta.ca/wageinfo
[8] See http://www.alis.alberta.ca

Section C: Additional Information

1. Links to Selected Industry Associations:

- Alberta Forest Products Association
  (http://www.albertaforestproducts.ca)
- College of Alberta Professional Forest Technologists
  (http://www.forestechs.ab.ca)
- Resources Industry Suppliers Association
  (http://www.resourcesuppliers.com)

2. Link to Government Library Database:

http://www.servicelink.gov.ab.ca/libraries/workplace/